October 25, 2005

CITY OF ROCHESTER HILLS
NOTICE OF INTENT TO ACCEPT SEALED BIDS
FOR LEICA TCRP1205 TOTAL STATION
SURVEY EQUIPMENT

Sealed bids for will be received by the City of Rochester Hills at the Purchasing Division/Fiscal Team, 1000 Rochester Hills Drive, Rochester Hills, MI 48309 until 3:00 P.M., Local Time, **MONDAY, NOVEMBER 14, 2005** at which time and place said bids will be publicly opened and read aloud.

The City of Rochester Hills officially distributes bid/proposal documents from the Purchasing Division or through the Michigan Intergovernmental Trade Network (MITN). Copies of proposal documents obtained from any other source are not considered official copies. Only those vendors who obtain proposal documents from either the Purchasing Division or the MITN System are guaranteed access to receive addendum information, if such information is issued. The first step to do business with the City is to become a registered vendor by visiting the City website at www.rochesterhills.org, select **City Services, Purchasing then click on Vendor Registration** and link to MITN website. Final proposal results will be posted on the MITN website after award.

Any deviation from the specifications must be noted on the bid. Failure to complete every space on the bid form may disqualify bid.

THE CITY OF ROCHESTER HILLS RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.

Please submit bid on or before the date and time given above to:

Jean A. Farris CPPB, Supervisor of Procurement
City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

All bids must be submitted in a Sealed Envelope marked **"BID – SURVEY EQUIPMENT".**

CITY OF ROCHESTER HILLS
REQUEST FOR SEALED BIDS
FOR LEICA TCRP1205 TOTAL STATION
SURVEY EQUIPMENT

PROJECT DESCRIPTION

The City of Rochester Hills, Michigan is accepting bids for survey equipment, specifically LEICA TCRP1205 TOTAL STATION, which can operate directly with either an external data collection unit (EDCU) or an industry standard Compact Flash on-board data collection unit (ODCU), as well as upgrade of existing SR530's to Michigan Spatial Reference Network Rovers (CDMA) using GSM/GPRS modem. The City wishes to integrate the new survey equipment with its existing industry standard WILD forced-centering tribrach system and current WILD theodolite accessories. These specifications cover the furnishing, delivery and training of the survey equipment specified and may require a demonstration prior to award of the contract. The survey equipment will be used by the City's Department of Public Service/Engineering staff members. The survey equipment shall be delivered with all specified components installed new and fully functional.

The bidder represents that all equipment offered under this specification shall be new. Used, shopworn, demonstrator, prototype, or discontinued models are not acceptable.

The survey equipment shall be completely assembled and adjusted. All equipment including standard and supplemental equipment shall be installed and the unit made ready for continuous operation. All parts not specifically mentioned which are necessary for the survey equipment to be complete and ready for operation or which are normally furnished as standard equipment shall be furnished by the vendor. All parts shall conform in strength, quality and workmanship to the accepted standards of the industry.

GENERAL REQUIREMENTS

The successful bidder must meet and provide all requirements as outlined in the specifications package contained herein. The bid form contains general specifications which are used as the basis for the overall bid evaluation. All bids shall be in conformance with and subject to General Specifications and other bid documents as contained herein.

Bids shall be in conformance with and subject to the instructions in the bid documents. The Bid Form must be completed entirely and submitted with the Bid.

All bid prices shall remain in effect for at least ninety (90) days from the date of the bid opening to allow for the award of the bid. All prices are to be F.O.B. delivered to the City of Rochester Hills, Department of Public Service/Engineering, 1000 Rochester Hills Drive, Rochester Hills, MI 48309.

No bidder may withdraw a bid after the actual date of the opening thereof except in a case where a bidder demonstrates to the City's reasonable satisfaction that a material and substantial mistake was made in preparing the bid, in which event the bidder shall have 24 hours after the opening of the bid to deliver to the City a notice, in writing, that the bidder desires to withdraw the bid and state the reasons therefore. Once a bid is withdrawn, it may not be re-bid.

The City reserves the right to reject any and all bids and to waive any defect or irregularity in bids. The City reserves the right to accept any separate item in the bid; and to accept the bid that in the opinion of the City is to the best advantage and interest of the City based on price, availability and service.

The City of Rochester Hills reserves the right to split or abstract any or all bid proposals and award multiple contracts from the same bid when in its judgment it best serves the City of Rochester Hills.

Any deviations from the specifications must be noted in the proposal.

The City reserves the right to waive any informalities or immaterial omissions or defects not involving price, time or changes in the work. In the case of error in the extension of prices in the bid or other arithmetic error, the unit price shall govern.

No proposal will be accepted from any person, firm or corporation who is in arrears upon and obligation to the City or who otherwise may be deemed irresponsible or unreliable to the City.

THE CITY OF ROCHESTER HILLS RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.

Any significant explanation desired by a bidder, regarding the meaning or interpretation of the Bid must be requested with sufficient time allowed for a reply to reach all prospective bidders before the submission of their bids. Any information given to a prospective bidder concerning the bid will be furnished to all prospective bidders as an amendment or an addendum to the bid, if such information would be of significance to uninformed bidders. The City shall make the sole determination as to the significance to uninformed bidders. Questions regarding the bid **must be made in writing prior to Friday, November 4, 2005, at 12:00 (noon)** at which time a response will be prepared and forwarded to all vendors.

All correspondence or inquiries from interested vendors regarding this bid proposal shall be directed to the attention: Jean A. Farris CPPB, Supervisor of Procurement, Purchasing Division/Fiscal Team, City of Rochester Hills, 1000 Rochester Hills Drive, Rochester Hills, Michigan 48309, 248-841-2538, farrisj@rochesterhills.org.

Only those persons designated above are authorized to seek additional information from prospective vendors regarding their bid proposals. Correspondence or inquiries made directly to vendors regarding their bid proposals from all other persons are to be directed to those City employees designated above for appropriate review and response.

Municipalities are exempt from Michigan State Sales and Federal Excise taxes. Prices quoted shall not include Federal or State taxes. The City will furnish the successful bidder with tax exemption certificates upon request.

SUBMISSION OF BIDS

Each bidder must use the attached bid form and specifications to submit their bid. All bids must be received by mail or delivered in person to: Jean A. Farris CPPB, Supervisor of Procurement, City of Rochester Hills, Purchasing Division/Fiscal Team, 1000 Rochester Hills Drive, Rochester Hills, Michigan 48309. (No fax or e-mail bids will be accepted.) Bids received after the time or date prescribed herein shall not be considered for award.

SPECIFICATIONS

This specification describes an electronic total station, which can operate directly with either an external data collection unit or an industry standard Compact Flash on-board data collection unit. The specification also includes an upgrade of existing SR530's to Michigan Spatial Reference Network Rover (CDMA) using GSM/GPRS modem. It is the City's intent to purchase the equipment for use by the Department of Public Service/Engineering.

The unit shall mount to the industry standard WILD forced-centering tribrach system and be fully compatible with current WILD theodolite accessories.

The electronic total station tilting axis height shall be 196mm above the tribrach dish.

The electronic total station shall be equipped with a laser plummet located in the alidade. The plummet shall automatically be switched on whenever the user invokes the electronic level display.

The electronic total station shall be supplied with a lithium-ion camcorder battery, in a commonly available form factor, mounted internally in the standard of the instrument. The battery shall be easily replaceable without the use of any tools. Instrument shall maintain its orientation after and during the time that the battery is replaced.

The display shall be a touchscreen, back lit, VGA high resolution LCD. The display shall be graphics based with selectable soft keys and definable function keys.

An electronic guide light system shall be provided to assist the prism operator in determining the direction in which the electronic total station is pointing.

The electronic total station shall be equipped with a reflectorless distance meter using a visible red laser beam.

The electronic total station shall be equipped with a target recognition system, which is fully coaxial with the telescope and electronic distance meter. The target recognition system shall not require any active target or energy source at the prism and shall be able to function with any standard surveying retro prism. The target recognition system must use digital image processing.

The on-board data collector shall be accessible for reading and writing from the electronic total station and from the RS232 lines.

An optional high-level language shall be available that allows the user to write application specific programs for the electronic total station and the external data collection unit.

The electronic total station shall have the ability to function as a control unit for the City's existing GPS receiver/antennae combinations. The electronic total station shall have provision for mounting a GPS receiver/antennae to form an integrated unit.

An external data control unit shall be provided.

The external data control unit shall be a single-integrated unit mounted on the prism pole.

The external data control unit shall require no cables or external devices for operation.

The external data control unit shall provide a five-pole Lemo-0 socket so that an external data link and/or power supply can be used. This connector shall be identical in mechanical and electrical configuration as the connector for the same purpose located on the electronic total station.

The external data control shall be able to use the same battery and charger as the electronic total station on-board battery.

Both electronic total station and external data control shall use compact flash cards for data storage. Equipment must have the capability to move data via compact flash cards between electronic total station, external data control and SR530 GPS units using a common data base in native format.

Unless otherwise stated by bidder, the bids will be considered as being in strict accordance with the City's applicable standard specifications, and any special specifications as outlined in the bid document. Reference to particular trade names, manufacturers, or model numbers are made for descriptive purposes to guide the bidder in interpreting the requirements of the City, and should not be construed as excluding bids on other trade names, manufacturers, or model numbers unless otherwise stated. However, the Bidder, if awarded the contract, will be required to furnish the particular item referred to in the specifications or description unless departure or substitution is clearly noted and described in the bid.

Vendor may be required to provide demonstration of product being bid.

NOTICE TO BIDDERS

Examples shown are listed to indicate the type and class of equipment desired. Bidders are cautioned to read the specifications carefully, as there may be special requirements not commonly offered by the equipment manufacturer. Bidders are cautioned that any units delivered to the F.O.B. point which do not meet the specifications in every aspect, will not be accepted.

AWARD OF PURCHASE ORDER

The bid will be awarded to the responsible, responsive bidder whose bid conforming to this solicitation will be most advantageous to the City, price and other factors considered. The City reserves the right to evaluate compliance with the specifications.

The City reserves the right to reject any and all bids, in part or whole, and to waive any informalities or irregularities in bids received.

CHANGES AND ADDENDA

Each change or addendum issued in relation to this bid will be on file in the Purchasing Division and posted on the MITN system.

It shall be the bidder's responsibility to make inquiry as to the changes or addenda issued. All such changes or addenda shall become a part of the contract and all bidders shall be bound by such changes or addenda. Addendums will be posted on the MITN system.

METHOD OF PAYMENT

Payment shall be made from supplier's invoice submitted to cover items received and accepted during the billing period. Invoices must contain the purchase order number under which the contract is awarded.

Partial payments are not authorized on individual written purchase orders issued for this procurement. Payment will be made upon final delivery and acceptance of all supplies ordered on each purchase order issued.

TRAINING, SERVICES AND SUPPORT

Bid must include 1 day of training with a Leica authorized representative. If equipment needs repair an equivalent unit will be loaned out free of charge until repairs are complete. A toll free support number will be made available to City employees for equipment support issues.

WARRANTY

The Bidder warrants:

A. That all services performed hereunder shall conform to the requirements of this contract and shall be performed by qualified personnel in accordance with the highest professional standards.
B. That all items furnished hereunder shall conform to the requirements of this contract and shall be free from defects in design materials and workmanship.
C. The warranty period on workmanship and materials shall be based on a minimum of twelve (12) months from the time of delivery and acceptance.

If applicable the bidder shall indicate on a separate written sheet that is submitted with their bid any limitations and/or additional durations of their warranty. As a minimum the warranty period shall conform to the requirements stated herein.

If during the warranty period, the unit is found to not meet the bid specifications, it will be the manufacturer's responsibility to make such changes as required to meet the specifications at no cost to the City.

EXTENSION OF AWARD TO THE TRI-COUNTY PUBLIC PURCHASING COOPERATIVE

The City of Rochester Hills is a member of MITN (formally Tri-County Public Purchasing Cooperative) consisting of approximately twenty-one cities from Oakland, Macomb and Wayne Counties. If your company is awarded item(s) referenced in the Request for Proposals, the cooperative governmental entities may wish to use this contract and will issue a purchase order for the item(s) awarded in the bid proposal. Each entity is responsible for their own payments and is to be considered individually for billing and collection purposes. Each entity will provide their own purchase order and delivery location(s) and must be invoiced separately to the address indicated on their purchase order.

_____ If an award is made to the City of Rochester Hills, it is agreed that the contract will be extended to MITN (formally Tri-County Public Purchasing Cooperative) and associate entities under the same prices, terms and conditions.

An extension proposal is attached which indicates the manner in which each entity will be added.

_____ Attached _____ Not Attached.

_____ Our company is **NOT** interested in extending the contract.

SEALED BID – LEICA TCRP1205 TOTAL STATION
SURVEY EQUIMENT

Bid shall be returned in a sealed envelope marked "BID – SURVEY EQUIPMENT" to the Purchasing Division/Fiscal Team by the due date indicated on the notice of intent. The City reserves the right to accept or reject any or all bids, waive any informalities, irregularities, and to accept the bids either on an entire or individual basis that are in the best interest of the City of Rochester Hills.

BIDDER SHALL COMPLETE EVERY SPACE IN THE GENERAL SPECIFICATIONS AND COST PROPOSAL. Indicate for each numbered specification whether or not the specification is being EXACTLY met, or, with a description of ANY DEVIATION from the specification.
FAILURE TO COMPLETE EVERY SPACE ON THIS FORM MAY DISQUALIFY BID!

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GENERAL SPECIFICATIONS AND COST PROPOSAL:

Leica - TCRP1205 Pinpoint R300 m EDM Robotic Total Station

1. TCRP1205 w/PowerSearch, Pinpoint R300, Automatic Target Recognition Total Station, 1 Keyboard, Laser Plummet, Standard Applications, User Manual and Carrying Case — 1 ea x _____ = $_____

   Specification will be met exactly — Yes _____ No _____

2. GSD01 Communication Side Cover, including Bluetooth for Motorized TPS1200 instruments — 1 ea x _____ = $_____

   Specification will be met exactly — Yes _____ No _____

3. GTS20, 2nd Keyboard, for TPS1200 Instrument — 1 ea x _____ = $_____

   Specification will be met exactly — Yes _____ No _____

4. GDF122 Pro Tribrach with optical plummet, pale green — 2 ea x _____ = $_____

   Specification will be met exactly — Yes _____ No _____

5. MCF32, Compact Flash Card, 32MB — 1 ea x _____ = $_____

   Specification will be met exactly — Yes _____ No _____

6.	MCFAD1, CompactFlash PC Card adapter	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
7.	GEB221, Li-ion battery, 4AH, rechargeable – to be used with TPS1200 & GPS1200	3 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
8.	GRZ4 360 deg. Prism	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
9.	GLS11 Geodetic Plumbing Pole	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
10.	On-Board applications for Stake-Out	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
11.	On-Board applications for COGO	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
12.	On-Board applications for TPS1200 Application “Reference Line”	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
13.	On-Board applications for TPS1200 Application “Traverse” Remote Control Survey System	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
14.	RX1220T, System 1200 Controller with Integrated radio modem, antenna, Battery compartment, touch screen, Alpha keyboard, 2 X GDZ56 stylus for touch screen, user manual, GVP627 container	1 ea	x	_____ = $_____
	Specification will be met exactly	Yes _____		No _____
15.	EB211, Li-ion battery, 2Ah, rechargeable To be used with RX1220	2 ea	x	_____ = $_____

	Specification will be met exactly	Yes _____	No _____
16.	RH1200 Radio Handle with integrated Radio Modem	1 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____
17.	GHT39, Holder for attaching RX1200 Series Controller to all poles (except mini poles)	1 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____
18.	GHT51, Clamp arrangement for attaching the GHT39 to all poles (except mini poles)	1 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____
19.	GKL221 Pro Charger (charges all batteries)	1 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____
20.	Charger Plates for GEB221 Batteries	2 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____
21.	Leica Geo Office CD	1 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____
22.	Support and Maintenance on all equipment/Upgrade for GPS	1 ea x	_____ = $_____
	Specification will be met exactly	Yes _____	No _____

Total Price of Leica TCRP1205 Total Station (1-22 above) $_____

Upgrade of Existing SR530's to Michigan Spatial Reference Network Rovers (CDMA)

23.	1.8m Cable, battery to controller	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
24.	1.2m antenna cable (one spare)	3 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
25.	GEV142 1.6m extension for antenna cable	2 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
26.	GHT27 Holder for GPS 500 on pole	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
27.	Mini-pack for GPS receiver	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
28.	GAD32 Telescopic rod with 5/8 inch screw	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
29.	GAD34 Arm 3 cm telescopic rod/ Gainflex antenna	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
30.	GHT25 Grip with circular bubble	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
30.	GAD33 15cm arm for UHF Antenna on GPS Pole	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
31.	GLS17 Bottom-part aluminum pole	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	
32.	GLS19 Top-part aluminum pole with stub	1 ea	x	_____	= $_____
	Specification will be met exactly	Yes _____		No _____	

33. GHT26 Holder for GPS receiver on pole 1 ea x _____ = $_____

Specification will be met exactly Yes _____ No _____

34. System 1200 Air Link Modem (programmed)
1 Airlink GSM/GPRS Modem
1 Connection Cable
1 Modem Bracket
1 Dipole Antenna
1 Configuration Manual 2 ea x _____ = $_____

Specification will be met exactly Yes _____ No _____

Total Price of Upgrade Package (23-34 above) $_____

Total Cost Proposal $_____

***Total Cost Proposal is inclusive of shipping and one day of onsite training**.

A. Bidder MUST submit with this bid the latest printed specifications and advertising literature on the unit. _____

B. Bidder shall submit with this bid written terms and conditions of all standard and available extended warranty coverage for equipment. All warranties shall begin on the equipment in-service date. _____

C. Freight of unit(s), and all associated items shall be F.O.B.:
City of Rochester Hills
Department of Public Service/Engineering
1000 Rochester Hills Drive
Rochester Hills, MI 48309 _____

D. Is a maintenance contract available? Provide terms, cost and a sample contract.

_____
_____
_____
_____
_____
_____

E. Will manufacturer guarantee the availability of replacement parts for the next ten (10) years?

_____
_____
_____
_____
_____
_____

F. Additional Equipment Available and related cost, Not Listed Above:

_____
_____
_____

G. Days to Deliver to City of Rochester Hills from date of order placement _____

H. State payment terms of proposal, including prompt payment discount or late payment penalty (if any).

_____
_____

DEMONSTRATION AND INSTRUCTION

Supplier may be requested to provide a demonstration and instruction at the City's specified location with the equipment described in this document. Session shall be conducted by an authorized, factory trained service person and shall include but not be limited to operation, maintenance, service and repair. Date and time shall be mutually agreed upon by the supplier and the City.

Bidder shall be prepared to provide a tour of their service and parts facility to satisfy the City of the bidder's ability to provide parts and services during the warranty period and beyond.

_____

If not a **local (**within 25 miles of city**) parts/service operation**, provide the name and location of the nearest qualified provider of such.

_____

REFERENCES:

Provide a minimum of 5 municipalities or businesses the City may contact who are currently using equipment similar to that being proposed (users located relatively close to the City are desired).

Organization	Contact Person	Phone #
_____	_____	_____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

The undersigned hereby declares that he/she has carefully examined the general conditions and specifications and will provide Leica TCRP1205 Total Station survey equipment as described herein for the price set forth in this proposal. Any changes to the specifications and its impact on the final cost will be discussed and mutually agreed upon before the delivery of the services.

It is understood that all proposed prices shall remain in effect for at least ninety (90) days from the date of the proposal opening to allow for the award and that, if chosen the successful vendor, the prices will remain firm through invoice.

The bidder affirms that he/she is duly authorized to execute this bid, that this company, corporation, firm, partnership or individual has not prepared this proposal in collusion with any other bidder and that the contents of this proposal as to prices, terms or conditions have not been communicated by the undersigned, nor by any employee or agent, to any competitor, and will not be, prior to the award and the bidder has full authority to execute any resulting contract awarded as the result of, or on the basis of the proposal.

The submission of a bid hereunder shall be considered evidence that the bidder is satisfied with respect to the conditions to be encountered and the character, quantity and quality of the work to be performed.

COMPANY_____

ADDRESS_____

CITY_____ STATE_____ ZIP_____

REPRESENTATIVE'S NAME_____

TITLE_____

SIGNATURE_____

TELEPHONE NUMBER_____ FAX NUMBER_____

E-MAIL ADDRESS_____

DATE_____